

Tools and Materials

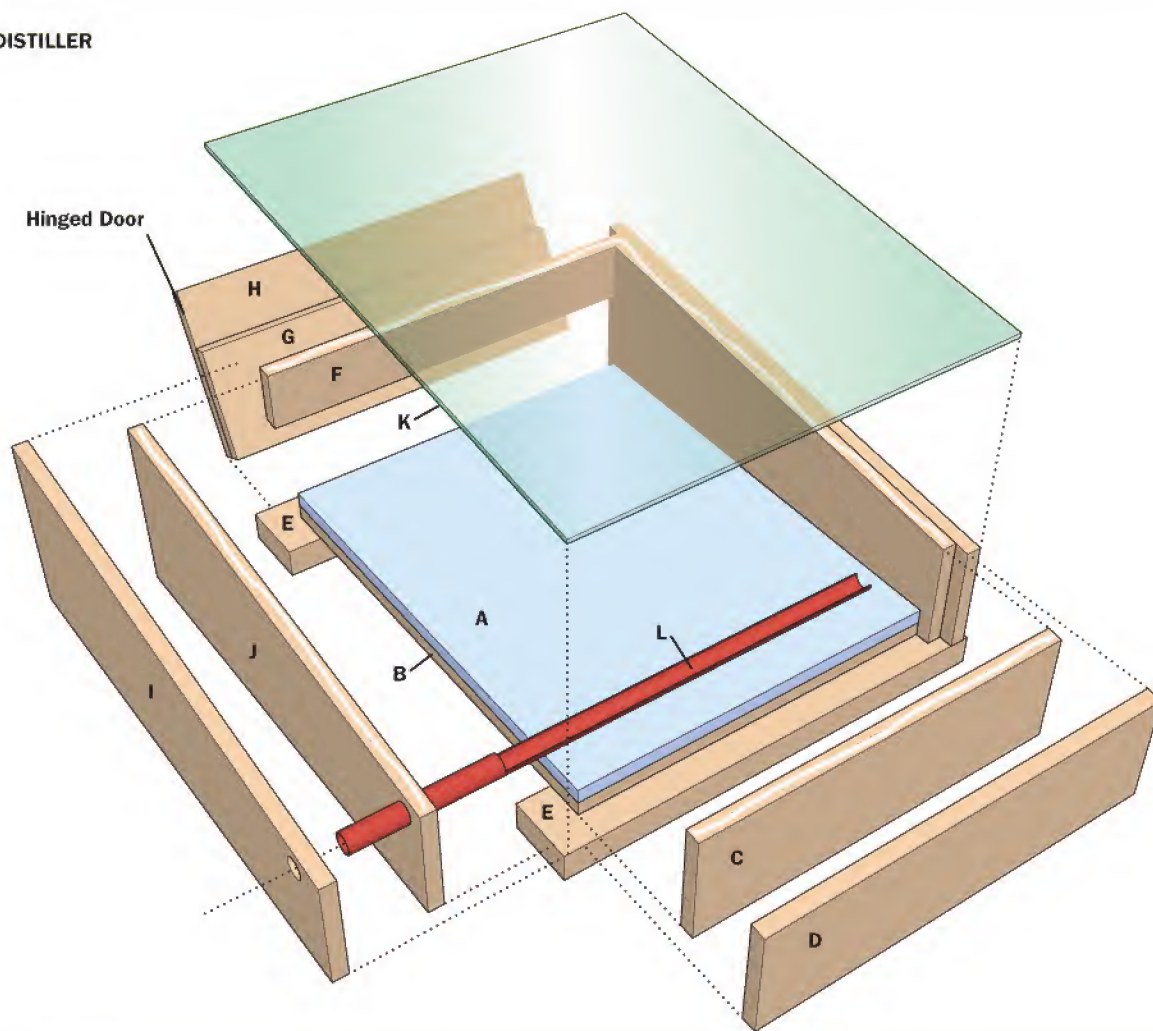
Drill/driver with bits
Circular saw
Speed square
Straightedge
Caulk gun
Razor knife

Clamps
Tape measure
2 × 4 × 8' pressure treated
(1) $\frac{3}{4}$ × 4' × 8' sheet of
BC exterior plywood
(2) $1\frac{1}{2}$ " galvanized hinges

Self-adhesive weatherseal (8')
Knob or drawer pull
 $27\frac{1}{4}$ " × 22" × $\frac{1}{8}$ "
(minimum) glass
Silicone caulk
High-temperature black paint

1" PEX tubing
(2) 10" × 15" glass
baking pans
Wood glue
 $1\frac{1}{4}$ ", 2", $2\frac{1}{2}$ " deck screws
Painter's tape

SOLAR DISTILLER



Cutting List

Key	Number	Dimension	Material
A	1	$\frac{3}{4}$ " × $23\frac{3}{4}$ " × 19"	Rigid insulation
B	1	$\frac{3}{4}$ " × $23\frac{3}{4}$ " × 19"	Plywood
C	1	$\frac{3}{4}$ " × $5\frac{1}{8}$ " (high side) × 19"	Plywood
D	1	$\frac{3}{4}$ " × $5\frac{1}{8}$ " (high side) × $20\frac{1}{2}$ "	Plywood
E	2	$1\frac{1}{2}$ " × $3\frac{1}{2}$ " × $22\frac{1}{2}$ "	2 × 4
F	1	$\frac{3}{4}$ " × 3" × $20\frac{1}{2}$ " (long to short edge)	Plywood
G	1	$\frac{3}{4}$ " × $5\frac{1}{8}$ " × $20\frac{1}{2}$ "	Plywood
H	1	$\frac{3}{4}$ " × 9" × $20\frac{1}{2}$ " (to long edge)	Plywood
I	2	$\frac{3}{4}$ " × $9\frac{1}{8}$ " × $5\frac{1}{8}$ " × $26\frac{3}{4}$ "	Plywood
J	2	$\frac{3}{4}$ " × $8\frac{1}{8}$ " × $5\frac{1}{8}$ " × $24\frac{1}{2}$ "	Plywood
K	1	$27\frac{1}{4}$ " × 22" × $\frac{1}{8}$ "	Tempered glass
L	1	1"	PEX tubing, cut to length